

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/10361

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ H01M10/04, 10/40

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ H01M10/00-10/48

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1926-1996	Jitsuyo Shinan Toroku Koho	1996-2003
Kokai Jitsuyo Shinan Koho	1971-2003	Toroku Jitsuyo Shinan Koho	1994-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	JP 2000-195565 A (Sanyo Electric Co., Ltd.), 14 July, 2000 (14.07.00), Claims 1 to 5 (Family: none)	5, 6, 13-17 1-4, 7-12, 18, 19
X A	JP 2000-28690 A (Mitsubishi Chemical Corp.), 28 January, 2000 (28.01.00), Claims 1 to 3 (Family: none)	18, 19 1-17
X A	JP 2002-110217 A (Japan Storage Battery Co., Ltd.), 12 April, 2002 (12.04.02), Claims 1 to 4 (Family: none)	8, 13-15, 18, 19 1-7, 9-12, 16, 17

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search
18 November, 2003 (18.11.03)Date of mailing of the international search report
02 December, 2003 (02.12.03)Name and mailing address of the ISA/
Japanese Patent Office

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